

# FOIA Electronic Reading Room

## Document Coversheet

**Document Description:** Contract N68936-00-D-0022 Delivery Order 0026

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**This document has been released in its entirety.**

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Naval Air Warfare Center Weapons Division  
Code K00000D (FOIA)  
1 Administration Circle Stop 1009  
China Lake, CA 93555-6100.

<b>ORDER FOR SUPPLIES OR SERVICES</b>										PAGE 1 OF 33	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N68936-00-D-0022			2. DELIVERY ORDER/ CALL NO. 0026		3. DATE OF ORDER/CALL 2002Sep30		4. REQ./ PURCH. REQUEST NO. 41110AD-2263-EEEN			5. PRIORITY	
6. ISSUED BY CDR NAWCWD CODE 210000D ATTN: C. JONES (760) 375-2410 X 44 1 ADMIN CIR, BLDG 982 CHINA LAKE CA 93555-6100				CODE N68936		7. ADMINISTERED BY  <b>SEE ITEM 6</b>				8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER  (See Schedule if other)	
9. CONTRACTOR EER SYSTEMS INC CHUCK FARIS 3750 CENTERVIEW DRIVE CHANTILLY VA 20151				CODE 7Z726		FACILITY		10. DELIVER TO FOB POINT BY (Date) <b>SEE SCHEDULE</b>		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input checked="" type="checkbox"/> SMALL DISADVANTAGED <input checked="" type="checkbox"/> WOMEN-OWNED	
12. DISCOUNT TERMS								13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15			
14. SHIP TO  <b>SEE SCHEDULE</b>				CODE		15. PAYMENT WILL BE MADE BY DFAS-SD OPLOC CODE FPV EFT: T PO BOX 429100 SAN DIEGO CA 92142-9100				CODE N68688	
<div style="display: flex; justify-content: space-between;"> <div> 16. TYPE OF ORDER  DELIVERY/ CALL <input checked="" type="checkbox"/>  PURCHASE <input type="checkbox"/> </div> <div> This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.  Reference your quote dated _____  <b>ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.</b> </div> <div> Furnish the following on terms specified herein. </div> </div>											
NAME OF CONTRACTOR				SIGNATURE				TYPED NAME AND TITLE		DATE SIGNED (YYYYMMDD)	
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:											
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE  <b>See Schedule</b>											
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT	22. UNIT PRICE		23. AMOUNT
		<b>SEE SCHEDULE</b>									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle						24. UNITED STATES OF AMERICA <i>Jacqueline Patterson</i> BY: JACQUELINE R PATTERSON			25. TOTAL \$3,465,335.00		29. DIFFERENCES
26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED  DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____						27. SHIP NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		28. DO VOUCHER NO.		30. INITIALS	
31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL						32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR			
36. I certify this account is correct and proper for payment.  DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____								34. CHECK NUMBER			
								35. BILL OF LADING NO.			
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.	

## SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001					\$

F/A-18 Wpns &amp; EOIR Avionics Integr &amp; Sys Eng Supp

CPAF - Services in accordance with Statement of Work titled "F/A-18 Weapons and Electro-Optic/Infrared (EOIR) Avionics Integration and System Engineering Support", dated 17 September 2002, for the period of 01 October 2002 through 31 March 2005.

SEVERABLE

See Exhibit A

ESTIMATED COST \$3,465,335.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101		.00		\$0.00	\$ 0.00
	For Navy Accounting Purposes Only				
	COST - ACRN AA Funded Amount				
	MILSTRIP N60530-2266-ECEN				
	ACRN AA Funded Amount				\$100,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000102		.00		\$0.00	\$ 0.00
	For Navy Accounting Purposes Only				
	COST - ACRN AB Funded Amount				
	MILSTRIP N60530-2266-EDEN				
	ACRN AB Funded Amount				\$176,200.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000103		.00		\$0.00	\$ 0.00
	For Navy Accounting Purposes Only				
	COST - ACRN AC Funded Amount				
	MILSTRIP N60530-2266-EEEN				
	ACRN AC Funded Amount				\$114,000.00

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## SECTION C Descriptions and Specifications

Contract No. N68936-00-D-0022

Task Order No. 0026

Revision: 9/17/2002 final

## STATEMENT OF WORK

**F/A-18 WEAPONS AND ELECTRO-OPTIC/INFRARED (EOIR) AVIONICS  
INTEGRATION AND SYSTEM ENGINEERING SUPPORT****1.0 BACKGROUND AND GENERAL SCOPE OF WORK****1.1 BACKGROUND:**

The Naval Air Warfare Center, Weapons Divisions (NAWCWD), China Lake, Mission and Sensors Systems Division supports the F/A-18 Integrated Product Team (IPT) by providing systems engineering and analysis for F/A-18 weapons and avionics integration. Multiple variations of the US F/A-18 are to be supported. The F/A-18 A/B (aircraft production Lot 9 and below) and C/D versions (Lot 10 to Lot 21, including Night Attack and reconnaissance variations) will be fully supported at China Lake. China Lake will support the manufacturer for the primary avionics integration and software development and perform verification and validation testing for the F/A-18 E/F versions (Lot 22 and above). Team responsibilities include technical support, verification, and releasability test support to various Foreign Military Sales (FMS) customers as defined by FMS contracts between the customer and the Chief of Naval Operations.

This is a follow-on to Task Order 0006, Contract N68936-00-D-0022.

**1.2 GENERAL SCOPE OF WORK:**

This Statement of Work (SOW) addresses weapons and avionics integration for the F/A-18 aircraft, including FMS customers. The Contractor, as a member of the F/A-18 Advanced Weapons Laboratory (AWL) Integrated Project Team (IPT), shall provide evaluation, verification and validation, integration, and system engineering support for the F/A-18 Air-to-Ground, Air-to-Air, and Electro Optical Infrared (EOIR) weapons and avionics systems, both foreign and domestic. The scope of this Task Order (TO) includes document reviews; Test Plan development; Test Procedure development; Launch Acceptability Region (LAR) studies; lab, ground, and range testing; flight test support; Earned Value cost tracking; and systems engineering during Design and Development (D&D) and Verification and Validation (V&V) testing.

The Contractor's efforts will include working with the F/A-18 Software Configurations Sets (SCS) and Operational Flight Programs (OFP) for the assigned F/A-18 variant. The term OFP is used to refer to a single software load in a single processor, whereas SCS is used to refer to an aggregation of OFPs.

## 2.0 APPLICABLE DOCUMENTS

The Contractor, as a member of the F/A-18 AWL Integrated Project Team (IPT), will be provided access to all Government reference materials required to perform the tasked efforts.

See reference 2.2(al) relative to undefined acronyms.

## 2.1 SPECIFICATIONS, STANDARDS, AND HANDBOOKS:

- a) MIL-STD 1760 Aircraft/Store Electrical Interconnection System

## 2.2 OTHER DOCUMENTS, DRAWINGS, AND PUBLICATIONS:

- a) F/A-18 SCS/OFP Development Schedules (latest version)
- b) F/A-18 Computer Resources Life Cycle Management Plan
- c) F/A-18 System Upgrade Software Development Plans (SDPs)
- d) Operation of F/A-18 Avionics Subsystems Manuals for A/B, C/D, and E/F Aircraft Models "Blue", "Grey", and "GOLD" Books
- e) F/A-18 NATOPS Manuals
- f) F/A-18 Tactical Manuals
- g) F/A-18 Functional Requirements Documents (FRDs)
- h) F/A-18 Systems Segment Design Documents (SSDDs)
- i) F/A-18 Requirements Change Specifications (RCSs)
- j) Test and Evaluation Master Plan S0201-02 for F/A-18 Software and Qualification Testing
- k) EOIR/WSI Standard Operating Procedures (SOP)
- l) NAWCWPNSINST 3960.4 Project Test Plans for Test of Air Vehicles, Weapons, and Installed Systems
- m) F/A-18 Interface Design Documents (IDDs)
- n) F/A-18 Computer Program Performance Specification (CPPSs)
- o) F/A-18 Version Description Documents (VDDs)
- p) F/A-18 Standardized Flight Card Memorandum
- q) F/A-18 Subsystem Interface Control Documents/Sheets (ICD/ICSs)
- r) F/A-18 Mission Computer OFP Database Catalog - Internals/Externals
- s) F/A-18 Super Cumulative Cross Reference
- t) F/A-18 MUX Bus Word Listing (MBWL)
- u) F/A-18 Module Flowcharts
- v) F/A-18 Flight Test Plan (FTP) Format
- w) F/A-18 Test Integration Plan (TIP) Format  
(replaces the F/A-18 Engineering Test Plan Format)
- x) NWC TM 6928 F/A-18 Software Tailoring Plan
- y) Visible National Imagery Interpretability Rating Scale (NIIRS) - March 1994
- z) Advanced FLIR Performance Specification
- aa) Advanced FLIR Statement of Work
- ab) Advanced FLIR Test and Evaluation Master Plan (TEMP)
- ac) Task Team Process for Block/Product Development

ad)	F/A-18 Stores Management Systems Hardware Diagrams
ae)	F/A-18 Weapons Loading Procedures
af)	Navy 500 Series Publications
ag)	NAWCWPNS-F/A-18-MBMT/SE-PRCS F/A-18 AWL Management and Systems Process Manual, 5/16/96
ah)	OPNAVINST 5000.42D T&E Policy and Procedures, Encl. (13)
ai)	F/A-18 Avionics System Integration Requirements Documents (ASIRDs)
aj)	F/A-18 Integration Test Documents (ITDs)
ak)	F/A-18 Program Performance Specifications (PPSs)
al)	AWL Acronym List
am)	Government Points of Contact, Contract N68936-00-D-0022
an)	F/A-18 Task Team Test Plans
ao)	F/A-18 Flight Test Schedules

### 3.0 REQUIREMENTS

The potential Contractor tasking defined herein are individual elements within large Software Configuration Set Projects being developed by Integrated Government/Contractor Project Teams at the NAWCWD, China Lake, CA. The critical interoperability between the individual Project elements will require the Contractor to engage in frequent (usually daily) interaction with other Project Team members at the NAWCWD, China Lake. The proposed tasking related to testing defined herein will require knowledge of and use of the unique F/A-18 test laboratory facilities at the NAWCWD, China Lake and on-site monitoring of flight test events flown by F/A-18 test aircraft located at the NAWCWD, China Lake.

#### 3.1 SYSTEMS ENGINEERING AND INTEGRATION:

The Contractor, as a member of the F/A-18 AWL Integrated Project Team (IPT), shall provide weapons/avionics systems engineering and integration (as defined in Sections 3.1.1 - 3.1.6) for domestic and FMS F/A-18 aircraft, including definition of requirements, analysis, and test. Weapons and avionics systems (foreign and domestic) currently supported by this TO include:

- Targeting Forward Looking Infrared Pods (FLIR/LTD/R/LST AN/AAS-38, AN/AAS-38A, AN/AAS-38B, and AN/AAS-46)
- Navigation Forward Looking Infrared Pod (NAVFLIR AN/AAR-5 and AN/AAR-55)
- Laser Detector and Tracker/Strike Camera Pod (LDT/SCAM AN/ASQ-173)
- Advanced Tactical Airborne Reconnaissance System (ATARS)
- RUG-II SAR
- Electro-Optical Long Range Oblique Photography System (EOLOROPS)
- Advanced FLIR (ATFLIR)
- Air-to-Ground Smart Weapons (AGSM) (BRU-55, JSOW, JDAM, SLAM, SLAM ER, HARM, Harpoon, Maverick, Walleye, and JASSM)
- Advanced Data Link Pods (AN/AWW-13 and AN/AWW-9)
- Air-to-Ground Free Fall (AGFF) (MK82 Series Bombs, LGBs, Rockets, Guns, Flares Decoys, and Mines)
- Shared Reconnaissance Pod (SHARP)
- Air-to-Air Missiles (AMRAAM/ACE, Sidewinder/9X, Sparrow, and ASRAAM)
- Gun

- Joint Helmet Mounted Cueing System (JHMCS)
- Multi-Sensor Integration (MSI)
- Other Developmental Systems

Specific systems and SCS/OFPs may be assigned by Technical Direction Letters (TDLs), approved by the Contracting Officer's Representative (see ref. 2.2(am)). Schedules and work performance shall be in accordance with the "F/A-18 SCS/OFP Development Schedules" (ref. 2.2(a)), "F/A-18 Computer Resources Life Cycle Management Plan" (ref. 2.2(b)), "F/A-18 System Upgrade Software Development Plans" (ref. 2.2(c)), "F/A-18 AWL Management and Systems Engineering Process Manual" (ref. 2.2(ag)), and the "Task Team Process for Block/Product Development" (ref. 2.2(ac)). The Contractor shall document assignments in the Monthly Progress/Status Report (CDRL B001).

- 3.1.1 System Testing: For assigned systems and SCS/OFPs and IAW ref. 2.2(k), the Contractor shall conduct laboratory, ground, and flight testing, test design, Test Procedure development, test preparation, test coordination, test conduct and monitoring, and post-test data collection and reporting to evaluate system and subsystem operation during the development and validation process. The objective of the evaluation shall be to determine if design objectives have been achieved in accordance with the Functional Requirements Documents (ref. 2.2(g)) and that retained functions continue to operate properly. References for this effort (including retained functions) include using "Operation of F/A-18 Avionics Subsystems Manuals for A/B, C/D, and E/F Aircraft Models "Blue", "Grey", and "GOLD" Books" (ref. 2.2(d)), "F/A-18 NATOPS Manuals" (ref. 2.2(e)), and "F/A-18 Tactical Manuals" (ref. 2.2(f)) in regards to the operation of the weapons and avionics systems (typical examples: FLIR, ATFLIR, NAVFLIR, LDT/SCAM, ATARS, SHARP, EOLOROPS, AN/AWW-13 pod, MSI, EMSI, Air-to-Air missiles, AGFF, and AGSM). See Sections 3.1.1.1 - 3.1.1.9 for further definition of the efforts to be performed and the products to be delivered.

Non-local travel (including domestic and/or foreign travel) may be required to participate in design and peer reviews, technical coordination and requirements definition meetings, and test efforts.

Specialized training in areas of data collection and analysis, laboratory/ground/aircraft test methodology, and Systems Theory and Operation may be required for Contractor employees. This training may include classes that involve enhancing current levels of expertise in state of the art systems/new technology.

This task may require the use of a Government vehicle to transport test equipment to/from the flight line area.

- 3.1.1.1 The EOIR and Weapons Systems Integration (WSI) Task Teams are responsible for generating their respective subsections of the Master SCS/OFP Block upgrade Flight Test Plans (FTP) (ref. 2.2(v)) and Test Integration Plans (TIP) (ref. 2.2(w)) ("Master" maintained by the F/A-18 IPT).

After review of SCS/OFP requirements as specified in the Functional Requirements Documents (ref. 2.2(g)), the Contractor shall informally discuss proposed test objectives for both the FTPs and TIPs with the Government's Task Order Technical Assistant (TA, see ref. 2.2(am)) during a work coordination meeting. Test objectives shall fully validate new and retained SCS/OFP functions. SCS/OFP requirements are defined in the "F/A-18 SCS/OFP Development Schedules" (ref. 2.2(a)), "F/A-18 Functional Requirements Documents" (ref. 2.2(g)), "F/A-18 Systems Segment Design Documents" (ref. 2.2(h)), "F/A-18 Requirements Change Specifications" (ref. 2.2(i)), "Test and Evaluation Master Plan S0201-02 For F/A-18 Software and Qualification Testing" (ref. 2.2(j)), and F/A-18 Software Tailoring Plan (ref. 2.2(x)). Upon approval of the informally proposed test objectives (as documented in recorded Minutes of the work coordination meeting), the Contractor shall use these test objectives to write FTP and TIP subsections that will be incorporated into the Advanced Weapon Laboratory (AWL) IPT Engineering and Flight Test Plans. Format and content requirements for these plans are contained in the "EOIR Standard Operating Procedures" (ref. 2.2(k)), "NAWCWPNSINST 3960.4" (ref. 2.2(l)), "F/A-18 Flight Test Plan Format" (ref. 2.2(v)), "F/A-18 Test Integration Plan Format" (ref. 2.2(w)), and



OPNAVINST 5000.42D T&E Policy and Procedures" (ref. 2.2(ah)). Contractor generated subsections shall be provided to the designated Task Team Lead (CDRL B002). Product deliveries shall be made in accordance with the latest version of the SCS/SCS/OFP development Schedules (ref. 2.2(a)) and approved Test Integration Plans. Periodic updates to the Schedules/Plans will be provided by the Government at weekly work coordination meetings. Contractor status on approved FTPs and ETPs shall be reported verbally at weekly work coordination meetings and in the Monthly Progress/Status Report (CDRL B001).

It is projected that 4 FTPs/TIPs will be assigned each year of the Task Order.

- 3.1.1.2 The Contractor shall develop system/functional Developmental Test Procedures (DTP) (CDRL B003) to verify new functional requirements specified in SCS/OFP unique "F/A-18 Systems Segment Design Documents" (ref. 2.2(h)), "F/A-18 Interface Design Documents" (ref. 2.2(m)), and "F/A-18 Requirements Change Specifications" (ref. 2.2(i)). The Contractor shall develop Integrated Test Procedures (ITP) (CDRL B004) to validate new functional requirements specified in SCS/OFP unique "F/A-18 Functional Requirements Documents" (ref. 2.2(g)) as well as retained functions specified in SCS/OFP unique "F/A-18 Computer Program Performance Specification" (ref. 2.2(n)) and "Operation of F/A-18 Avionics Subsystems Manuals for A/B, C/D, and E/F Aircraft Models "Blue" and Grey" Books" (ref. 2.2(d)). DTPs and ITPs shall be generated in accordance with the "EOIR Standard Operating Procedures" (ref. 2.2(k)). The Contractor shall perform validation of the Test Procedures by comparison to SCS/OFP unique F/A-18 Computer Program Performance Specification requirements and to the "Blue", "Grey", and "GOLD" Books (refs. 2.2(n) & (d)). Validated DTPs and ITPs shall be electronically entered into the F/A-18 Test Procedure Database. Once approved, as specified in the appropriate CDRL, the Procedures shall be electronically entered into the F/A-18 Test Procedure Computer Database. This task shall be initiated by and products delivered in accordance with the SCS/OFP Development Schedules (ref. 2.2(a)). Periodic updates to the Schedules will be provided by the Government at weekly work coordination meetings. Contractor status on assigned DTPs and ITPs shall be reported verbally at weekly work coordination meetings and in the Monthly Progress/Status Report (CDRL B001).

It is projected that 4 DTPs and 2 ITPs will be assigned for each year of the Task Order.

- 3.1.1.3 The Contractor shall perform validated Lab and Ground Test Procedures (DTPs and ITPs) on SCSs/OFPs in accordance with Government approved Test Integration Plans (TIPs) (ref. 2.2(w)), Integrated Test Schedules, F/A-18 Weapons Loading Procedures (ref. 2.2(ae)), and F/A-18 Version Description Documents (ref. 2.2(o)). The Contractor may use as reference material for avionics equipment the "Navy 500 Series Publications" (ref. 2.2(ad)). Test activity shall be documented electronically within one working day using Test Execution (TEX) Report. SCS/OFP and lab problems shall be documented electronically using System Anomaly Reports (SARs). TEXs and SARs shall be entered directly in the F/A-18 TEX and OPS electronic databases. This task shall be initiated by and performed in accordance with the SCS/OFP Development Schedules (ref. 2.2(a)) and approved Test Integration Plans (ref. 2.2(w)). Periodic updates to the Schedules/Plans will be provided by the Government at weekly work coordination meetings.

It is projected 8 SCS/OFPs (4 USN and 4 FMS), will be assigned per year, affecting all systems.

This task may require the use of a Government vehicle to transport test equipment to/from the flight line area.

- 3.1.1.4 The Contractor shall develop and write Flight Test Cards (CDRL B005) in accordance with F/A-18 standardized flight card format (ref. 2.2(p)) and the Government approved Flight and Engineering Test Plan. In accordance with the Test Plan and EOIR Standard Operating Procedures (ref. 2.2(k)), the Contractor shall conduct the flight brief/debrief, monitor the flight, and conduct initial and in-depth post flight data analysis to determine whether test objectives were achieved and to document anomalies. The Contractor shall electronically document test activity and initial data analysis (review of flight video) within 24 hours using Test Execution (TEX) Reports. The analysis

shall be to make an initial assessment whether the test objectives were met and to document anomalies. TEXs and SARs shall be entered directly in the F/A-18 TEX and OPS electronic databases. Specific flight responsibilities will be published on a weekly basis prior to the Flight Test Planning Meeting. The Contractor shall electronically document in-depth data analysis within 10 working days using TEX forms or Flight Test Reports as specified in EOIR Standard Operating Procedures (ref. 2.2(k)). This analysis shall be to make an in-depth assessment whether the test objectives were met and to document anomalies. This task shall be initiated by and performed in accordance with the SCS/OFP Development Schedules (ref. 2.2(a)) and approved Engineering Test Plans. Periodic updates to the Schedules/Plans will be provided by the Government at weekly work coordination meetings.

It is projected that 8 SCS/OFPs will be assigned per year.

This task may require non-local travel (domestic and/or foreign) in support of flight test activities.

- 3.1.1.5 The Contractor shall perform avionics, sensor, and targeting systems performance analysis (CDRL B006) for the EOIR, A/A, AGFF, and AGSM systems. The Contractor shall use MIL-STD 1760, "Aircraft/Store Electrical Interconnection System" (ref. 2.1(a)), "F/A-18 Subsystem Interface Control Documents/Sheets" (ref. 2.2(q)), "F/A-18 Mission Computer SCS/OFP Database Catalog - Internals/Externals" (ref. 2.2(r)), "F/A-18 Super Cumulative Cross Reference" (ref. 2.2(s)), "F/A-18 MUX Bus Word Listing" (ref. 2.2(t)), "F/A-18 Module Flowcharts" (ref. 2.2(u)), "NIIRS" (ref. 2.2(y)) along with flight and ground test data to characterize system performance. This analysis shall determine if systems meet requirement thresholds specified in the "F/A-18 Functional Requirements Documents" (ref. 2.2(g)) and "Test and Evaluation Master Plan S0201-02 For F/A-18 Software and Qualification Testing" (ref. 2.2(j)).

It is projected 8 SCS/OFPs will be assigned per year, affecting all assigned systems.

- 3.1.1.6 The Contractor shall become familiar with the data collection systems (various flight data instrumentation systems available on AWL-owned F/A-18 aircraft), lab test facilities at the F/A-18 AWL, and supporting data reduction facilities and the multiple data preparation processes to support testing. The Contractor shall provide informal comments with regard to efficiency and technical capability of the current systems and recommended methods to remedy or improve them. Contractor comments shall be reported at weekly work coordination meetings and in the Monthly Progress/Status Report (CDRL B001).

- 3.1.1.7 The Contractor shall verify the operability of flight test assets for suitability to the Flight Test Plan requirements (ref. 2.2(an)) and the procedures of reference 2.2(k). Assets to be verified by the Contractor will be assigned via a tasking document deposited in the Contractor Task Leader's "In-Box" or via EMail. The tasking notification will define the completion date. The results of the readiness testing shall be documented in a Test Readiness Report (CDRL B00A).

It is projected that approximately 200 test assets will require operability testing per year.

- 3.1.1.8 The Contractor shall verify the operability of flight test assets for suitability to the Flight Test Plan requirements (ref. 2.2(an)) and the procedures of reference 2.2(k). Assets to be verified will be identified in F/A-18 flight test schedules (ref. 2.2(ao)) on the F/A-18 AWL computer server. Operability verification shall be completed not less than 2 hours prior to delivery of the test asset to the flight test aircraft. The results of the readiness testing shall be documented in a Test Readiness Report (CDRL B00A). Operability test failures shall be verbally transmitted to the cognizant Flight Test Engineer (identified in ref. 2.2(ao)). Additionally, for operability test failures, the Contractor shall notify the Government TA (ref. 2.2(am)), with a disposition recommendation.

It is projected that approximately 400 test assets will require operability testing per year.

- 3.1.1.9 Disposition recommendations (see Section 3.1.1.8) may require the support of this Task Order. When such disposition recommendations are approved by the Government via notification in the

Contractor's Task Leader's "In-Box" or Email, the Contractor shall proceed with the approved disposition. The tasking notice will identify completion date.

It is projected that approximately 30 failed test assets will require disposition per year.

- 3.1.2 System Anomaly Reports (SARs): The Contractor shall review anomalies documented by SARs to determine if they are evidence of SCS/OFP, lab, or Test Procedure problems. Specific SARs to be reviewed by the Contractor will be provided in the Task Leader's (TL's) "in-box". The Contractor shall document SAR assignments in the Monthly Progress/Status Report (CDRL B001). The Contractor shall verbally report results of SAR investigations and recommend disposition of SARs at weekly work coordination meetings. Depending on initial results reported by Contractor, the Contractor may perform an in-depth analysis (CDRL B006) in accordance with a TDL which specifies requirements and schedule dates. The Contractor shall investigate SARs identified to Test Procedure problems to isolate the cause or causes. If approved by the Government (documented in coordination meeting minutes or by electronic mail message to the TL), the Contractor shall correct the reported Test Procedure problems. For SARs identified as SCS/OFP problems, the Contractor shall verify that corrections have been successfully incorporated into the SCS/OFP by performing appropriate DTPs, ITPs, and flight testing of the corrected software. This task shall be initiated by and performed in accordance with SCS/OFP Development Schedules (ref. 2.2(a)) and Engineering Test Plans. Periodic updates to the Schedules/Plans will be provided by the Government at weekly work coordination meetings.

It is projected that 160 SARs will be assigned per year.

- 3.1.3 Technical Documentation Review Support: The Contractor shall review and/or analyze assigned technical documentation deposited in the TL's "in-box". The document will be accompanied by a Work Transmittal defining the review/analysis objective, applicable resource materials, additional Report distribution, and required Report delivery date (as applicable). When an SCS/OFP Development Schedule is specified as the source of the required delivery date, the Contractor shall perform their review/analysis in accordance with the SCS/OFP Development Schedules (ref. 2.2(a)). Periodic updates to SCS/OFP Development Schedules will be provided by the Government at weekly work coordination meetings.

The Contractor shall document their review in a Review/Recommendations Report (CDRL B007). The Contractor shall recommend acceptance of/corrective action to documents reviewed.

The Contractor's review/analysis assignments may include:

- Review of briefing materials for technical accuracy, spelling/grammatical errors, etc.
- Review of technical documents to identify technical errors in design and analysis of satisfaction of design requirements. Design reference documents include references 2.2 (a) - (ak) and related System Trouble Reports (STRs) identified on the Work Transmittal.

The Contractor shall document assignments in the Monthly Progress/Status Report (CDRL B001).

The Contractor shall attend peer review meetings (when invited by electronic mail message from the TA (see ref. 2.2(am)) to the TL) to determine if design disclosure documents are complete and information is compliant with applicable system requirements. The Contractor may attend design and integration meetings or test events as required to gather information necessary to support their review and analysis. The F/A-18 on-line meeting and test schedules will be available to the Contractor (including identification of non-local sites).

The projected documents to be reviewed (and projected number of each that may be assigned per year) include:

- Government-developed briefing materials {5}. Typical examples include:
  - Operational Test Readiness Review (OTRR),
  - SCS/OFP Release Reviews (RR),
  - System Integration Test Release Reviews (SITRR),
  - Operational Advisory Group (OAG),

System Configuration Review Board (SCRB),  
 Program Management Focus (PMF),  
 Hornet Executive Steering Committee (HESC).

- Operation of F/A-18 Avionics Subsystems Manuals for A/B, C/D, and E/F Aircraft Models "Blue" and Grey" Books (ref. 2.2(d)) {3}
- Test and Evaluation Master Plan (ref. 2.2(j)) {1}
- F/A-18 Functional Requirements Documents (FRDs) (ref. 2.2(g)) {3}
- F/A-18 Systems Segment Design Documents (SSDDs) (ref. 2.2(h)) {4}
- F/A-18 Requirements Change Specifications (RCSs) (ref. 2.2(i)) {5}
- F/A-18 Interface Design Documents (IDDs) (ref. 2.2(m)) {3}
- F/A-18 Computer Program Performance Specification (CPPSs) (ref. 2.2(n)) {2}
- F/A-18 Version Description Documents (VDDs) (ref. 2.2(o)) {4}
- Advanced FLIR Performance Specification (ref. 2.2(z)) {1}
- Advanced FLIR Statement of Work (ref. 2.2(aa)) {1}
- Advanced FLIR Test and Evaluation Master Plan (TEMP) (ref. 2.2(ab)) {1}
- Test Integration Plans (TIPs) (ref. 2.2(w)) {5}
- SCS/OFP Design Documents {1}
- SCS/OFP white papers (paper studies for enhancements to current A/A designs) {1}
- Avionics Analysis Memos {1}

This task may require non-local travel (domestic and/or foreign) to attend design review meetings and to gather technical data.

- 3.1.4 **ATARS / SHARPS Lab Support:** The Contractor shall review assigned technical documents (deposited in the TL's "in-box") related to the following equipment: Squadron Ground Station (SGS), Reconnaissance Special Test Equipment (STE), Common Imagery Ground Station/Software (CIGS/S), and the EOIR Test Display Station. The review shall consist of: (1) review of proposed upgrades (software or hardware) to ensure compatibility with F/A-18 Subsystem Interface Control Documents (ref. 2.2(q)), and (2) provide recommendations on analysis methods and tools. The Contractor shall recommend acceptance of/or corrective action relative to documents reviewed (CDRL B007). The Contractor shall document assignments in the Monthly Progress/Status Report (CDRL B001).

It is projected that 4 documents will be assigned per year.

This task may require non-local travel (domestic and/or foreign) to attend design review meetings and gather technical data.

- 3.1.5 **Earned Value Data:** The Contractor shall enter task completion data into the existing Government Earned Value database in accordance with the on-screen instructions. Data entry shall be completed not more than three work days after completion of each task of this Task Order that is tracked by the Earned Value database.

- 3.1.6 **Launch Acceptability Region (LAR) Studies:** The Contractor shall perform a LAR comparison study for assigned A/A Systems and SCS/OFPs. This may include updates of previously conducted LAR studies. The study shall include a comparison of the F/A-18 mechanized LAR with the 6-Degree Of Freedom (6-DOF) truth model. The comparison study shall be based on the Government-provided launch profiles and F/A-18 laboratory data. The Government will also provide the math flows and supportive data for the appropriate SCS/OFPs to be evaluated. The Contractor shall document each Study, including an analysis of the LAR results, in an Analysis Report (CDRL B006). The Contractor shall use the Government-furnished Missile Launch Acceptability Region Simulation (MLARS) and shall produce LAR comparison plots (CDRL B008) for each launch profile specified in a TDL, approved by the COR

(see ref. 2.2(am))). The Contractor shall conduct Simulation Laboratory tests related to assigned LAR studies to verify proper software coding operations.

It is projected that approximately one (1) study will be assigned per year of the Task Order.

This task may include requirements that prior modeling conditions be duplicated exactly, in order to verify that software changes based upon the prior modeling have had the desired result. Some past LAR modeling was performed with unique software that is not available to the Government. Tasking under this SOW Section includes comparison studies of software revisions that will require the Contractor to exactly duplicate prior modeling. Such a requirement will be identified in the tasking TDL.

This task may require non-local travel (domestic and/or foreign) to attend technical review meetings and to gather technical data.

### 3.2 CONTRACTOR'S TASK LEAD (TL):

The Contractor's TL shall attend on-site weekly work coordination meetings with the Government's Technical Assistant (TA, see ref. 2.2(am)) at a time and place to be mutually agreed between the TA and TL.

### 3.3 MEETINGS AND TRAVEL REPORTING

The Contractor shall participate in weekly work coordination meetings by verbally reporting status of assigned on-going tasks. The Contractor shall travel to attend non-local peer reviews, requirement preparation/reviews, technical coordination meetings, and test events required by the requirements of this SOW and the SCS/OFP Development Schedules (ref. 2.2(a)). The Contractor shall prepare informal Meeting Notes and a Trip Report for any non-local meetings or test events attended. (CDRL B009).

### 3.4 MONTHLY PROGRESS/STATUS REPORT:

The Contractor shall deliver a Monthly Progress/Status Report (CDRL B001) no later than 9 working days after the close of each monthly accounting period. The Report shall include a summary of work performed for each task, problems encountered, problems solved, trips made, current schedules, and cost information. Cost information shall include monthly and cumulative funds/hours expended and a trend analysis graph depicting actual and planned expenditures. Tasking initiated by Technical Direction Letter (TDL) shall be documented. Additional information shall be provided as specified elsewhere in this Statement of Work.

**SECURITY SERVICING AGREEMENT  
BETWEEN  
SECURITY COORDINATOR  
F/A-18 WEAPON SYSTEM SUPPORT ACTIVITY (WSSA) IPT  
AND  
FACILITY SECURITY OFFICER  
EER SYSTEMS INC.**

Ref: (a) SECNAVINST 5510.36  
(b) NAWCWPINST 5510.30  
(c) DoD 5220.22-M (NISPOM)

Encl: (1) Statement of Work (Security Requirements)  
(2) Security Agreement

1. This agreement establishes contractual follow on guidelines in enclosure (1) on the provisions of security functions performed by EER Systems Inc in support of the F/A-18 WSSA IPT (411100D) contract number N68936-00-D-022, Task Order 0026 at China Lake (CL). The previous D.O. was 0006.

2. Security procedures in Room ☐ Building ☐ and Building ☐ China Lake, will be pursuant to references (a) through (c) and this agreement.

(b)(2)

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JUDITH K. SMITH  
CONTRACTING OFFICER  
FOR SECURITY MATTERS  
CODE 741100D, NAWCWPNS  
CHINA LAKE, CA 93555-6100

---

MARGO DiDOMENICO  
SECURITY COORDINATOR  
(CODE 45D000D), NAWCWPNS  
CHINA LAKE, CA 93555-6100

---

MARY ANNE ARNOLD,  
EER SYSTEMS INC.  
FACILITY SECURITY OFFICER  
330 E. RIDGECREST BLVD  
RIDGECREST, CA 93555

**SECURITY PROCEDURES  
FOR  
STATEMENTS OF WORK**

**I-7 SECURITY REQUIREMENTS**

a. The work to be performed under this contract as stated in the DD Form 254, Attachment number 05 involves access to and handling of classified material up to and including SECRET.

b. Classified documents that will be shared between the contractor and government employees will be stored in container(s). The containers are located in building [ ] serial number [ ] and bldg [ ] bar code [ ] and bar code [ ] located in room [ ] bar code [ ] located inside room [ ] and the combination for [ ]

(b)(2)

c. Security procedures for shared use of government security containers and classified material are as follows:

1. Standard Forms (SF) 702 are to be properly completed when opening and closing containers, the form will be initialed and the date and time of the day noted.

2. Persons in possession of classified material shall follow procedures which ensure that unauthorized persons do not gain access by sight or sound.

(a) Classified information shall not be removed from security containers except in the performance of official duties. Classified information removed from storage shall be in the possession of or under the direct supervision of authorized persons or secured in authorized containers when not in use.

(b) Classified documents removed from storage will be kept under constant surveillance and covered with a cover sheet. Cover sheets shall be used on secret and confidential documents- Standard Form (SF) 704 for Secret and Standard Form (SF) 705 for confidential. Classification stickers will be used on classified electronic media Standard Form (SF) 710 for Unclassified, Standard Form (SF) 708 for Confidential and Standard Form (SF) 707 for Secret

(c) Classified information shall not be discussed with or in the presence of unauthorized persons. Particular care must be taken when there are visitors or workmen present. Escorts must alert fellow workers when visitors or workman are in the area. Classified information shall not be discussed in the vicinity of open doors or windows and where discussions may be overheard over telephones or through heating and cooling vents.

(d) Preliminary drafts, carbon sheets, magnetic media, typewriter/printer ribbons, plates, stencils, stenographic notes, worksheets, and all similar items used to produce classified information will be safeguarded as classified material.

3. Persons who have access to the combinations of security containers must provide the Department Security Coordinator the information required to complete a SF 700. Personnel who have access to security containers must sign the privacy act advisement on the reverse side of the SF 700.

4. Classified material removed from and returned to the container shall be logged using the log sheet filed in the front of each file drawer.

5. Classified material shall not be reproduced, destroyed, transferred, or removed from authorized work areas.

6. A document listing all classified documents contained in the container shall be located in the locking drawer of all shared access security containers. "The contractor appointed as security point of contact per paragraph 1-7 below" is responsible for keeping this list current.

7. Hand-carried classified information on-Station, China Lake will be accomplished as follows:

(a) Within the NAWC/NAWS airfield vicinity in accordance with paragraph 2(b).

(b) Material will be transported to and from test sites and to and from codes within 450000D, and 410000D. Classified material will be double wrapped when transported by automobile. Transportation of classified information by foot requires a cover sheet or folder (see paragraph 2 (b)) and an outer wrapping. If the classified material is capable of being wrapped in plain brown envelopes, it will be wrapped as such. Wrapping will be secured with brown paper tape (reinforced paper tape is preferred). A combination lock briefcase may substitute for the outer wrapping. The tape manufacturer's covering of the tape is considered the inside wrapping for magnetic media. The contractor may contact the Department Security Coordinator for additional guidance..

(c) Obtain appropriate hand carry documentation from the Contractor's Facility Security Officer.

8. If emergency evacuation (fire, earthquake, etc.) of the work space is required, classified information will be secured provided it can be secured safely without injury or loss of life. If there is any personal danger, the material will be left in place and the area evacuated. If classified material is left unsecured this information will be immediately reported to the government official in charge at the assembly area.

d. Security procedures for key/key card control.

Keys/key cards will be issued by the appropriate key custodian. Keys/key cards will be signed for using appropriate log forms. Contractors will report to the key custodian missing/lost keys. Keys/key cards will be returned to the key custodian when no longer needed. The FSO of the contractor will be provided a copy of the key log or other documentation to identify contractor individuals who have been issued keys/key cards.

e. Security procedures for violations and infractions.

1. All security violations shall be immediately reported to the Department Security Coordinator and Contractor Facility Security Officer. A violation is any violation of security procedures which subjects classified information to compromise. Classified information is subjected to compromise whenever it is left unattended or unsecured.

2. Persons contacted as the responsible person, per the SF 700, after non-duty hours, shall respond to the work space and inventory all classified documents stored in the container. The results of the inventory including all missing documents will be immediately reported to the Police (Physical Security) Division, Code 841000D (939-8372). Additionally, the Government Department Security Coordinator, Contractor Facility Security Officer, and the Information Security Division, Code 741000D/E will be advised immediately at the beginning of the next work day.

f. Security procedures for security checks

1. Whenever the workspace is to be left unoccupied for any period of time, a security check shall be conducted. Workspace is considered unoccupied when it is not under constant surveillance by authorized personnel.



(a) Normally contractor personnel are not permitted in government buildings unless Government personnel are present. However, if a situation arises where a contractor is the last person to leave the area, the following procedures are applicable.

(b) Each individual shall ensure that his or her working area is secure by checking the working area for classified material. Areas checked shall include desk tops, tops of filing cabinets and security containers, working trays and baskets, computers, reproduction machines, fax machines, shredders, etc. All classified materials including classified waste identified in paragraph I-7 C.2 (d) must be secured in authorized containers.

(c) All security containers will be locked by rotating the dial of the combination lock at least four complete turns in one direction and checking each drawer to ensure that it is securely locked in place. This locking shall be documented using the SF 702 posted on or near the security container. If there is a person other than the individual who locked the container available, he/she shall be requested to check the container by repeating the locking process and completing the "checked by" column. If no one is available other than the person who locked the container, he/she shall perform the checking process as a separate and distinct action and complete the "checked by" column.

2. Normally contractor personnel are not permitted in government buildings after hours unless Government personnel are present. Government personnel will assume responsibility for securing the building at the end of the workday. However, if a situation arises where a contractor is the last person to leave the building, the following procedures are applicable.

(a) The last person leaving the area shall check to ensure that all classified material including classified waste is stored in authorized shared access security containers and that all containers have been locked and checked per procedures in the preceding paragraph. If the "checked by" column of the SF 702 posted on or near the security container has not been completed, the last person out will rotate the dial of the combination lock at least four times in one direction, check each drawer of the container to ensure it is secured and complete the "check by" column. Following this, the security check shall be documented using the SF 701 posted at or near the exit. Each item of the SF 701 will be initialed indicating that each item has been completed.

g. The Contractor shall appoint an on-site worker to be the security point of contact responsible for ensuring contractor security compliance with this agreement.

**SECURITY AGREEMENT****N68936-00-D-0022/TASK Order Number 0026 follow on to 0006**

I. I agree to share security containers, in building [ ] serial number [ ] and building [ ] serial number [ ] and [ ] room [ ] and bar code [ ] located inside room [ ] and the combination for [ ] room [ ] with contractors with the following understanding:

(b)(2)

- The security containers are government property. As such the security of these containers must remain the ultimate responsibility of a government employee.
  - Material stored in these containers for which I have signed a receipt or have been assigned responsibility remain my responsibility.
  - If a security violation occurs involving these containers or the documents stored therein and an individual contractor is not found culpable for the violation. I may be held accountable and may be subject to administrative or disciplinary sanctions, and criminal penalties. Administration and disciplinary sanctions include, oral admonishments, letter of caution and requirements, written reprimands, suspensions without pay, and removal.
  - All security violations will be immediately reported to the Department Security Coordinator. The Department Security Coordinator is responsible for notifying the Information Security Division, Code 741000D/E and the Contractor Facility Security Officer (FSO). The FSO will be permitted access to the work site to conduct the security violation investigation required by the NISPOM.
- II. I agree to take the following security precautions in addition to any other security responsibilities I may have been assigned:
- I will ensure that all contractors have been properly instructed in security procedures prior to allowing them to have access to these container(s).
  - At least once each week, I shall conduct a check of the document sign-out/sign-in logs to ensure that they are being properly used. I shall challenge one or more contractors who are in possession of classified material to prove that the material in their possession was signed-out. Violations will be immediately reported to the Security Coordinator for appropriate action.
  - At least once each week, I shall conduct an end of the day security "double check" of the work space to ensure that the work space and all security containers have been secured and that Standard Forms 701 and 702 are being properly used and maintained.
  - I shall maintain a current listing of all documents filed in shared containers.

MARK R. NAZECK

(TA)

(Signature)

(Date)

Jim Weeks Jr.

(Supervisor)

(Signature)

(Date)

MARGO DiDOMENICO

Department Security Coordinator

(Signature)

(Date)

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA:	1721506 Y1CF 253 HU265 0 068342 2D N68936	020900000290
AMOUNT:	\$100,000.00	
FUNDING	JOB ORDER NO	
ACRN: AA	C411DD729A00 (Exp. 30 Sep 04 )	
	REF Document #: N0001902WXCM3NA	
AB:	1721319 J5VH 253 CM201 0 068342 2D 00806Q	A21370001120
AMOUNT:	\$176,200.00	
FUNDING	JOB ORDER NO	
ACRN: AA	C411DCX29A00 (Exp. 31 Dec 02 )	
	REF Document #: N0001902WXCM9QR	
AC:	97X4930 NH2C 000 77777 0 068936 2F 000000	002266EEEN00
AMOUNT:	\$114,000.00	
FUNDING	JOB ORDER NO	
ACRN: AA	A411DJ32MA00 (Exp. 31 Dec 02 )	

## Funding Status:

	Previous	This action	Current
Total amount funded	\$00.00	\$390,200	\$390,200

FAR 52.232-22 Limitations of Funds applies to this order as it applies to the basic contract. Of the total estimated cost, only \$390,200 has been allotted for use.

The Contractor is authorized to proceed with Phase 1 on 01 October 2002.

The Contractor shall not begin subsequent phases without written directions from the Contracting Officer. The Contractor shall not exceed the estimated hours and estimated cost *\*Authorized to date*.

The following is a summary of the phases and current status of the task order.

	Estimated Cost	Estimated Hours	Period of Performance
Phase 1*	\$1,338,029.00	24,258.0	10/01/02 – 09/30/03
Phase 2	\$1,322,999.00	24,258.0	10/01/03 – 09/30/04
Phase 3	\$675,675.00	12,079.0	10/01/04 – 03/31/05
Option	\$128,632.00	2,426.0	To Be Determined
<b>TOTAL TASK ORDER</b>	<b>\$3,465,335.00</b>	<b>63,021.0</b>	10/01/02 – 03/31/05
<i>Authorized to date*</i>	\$1,338,029.00	24,258.0	10/01/02 – 09/30/03

\*When a phase is authorized, the total hours for that phase is ADDED to any previous phase(s) to calculate the current maximum hours authorized. The total cost authorized for that phase is ADDED to any previous phase(s) to calculate the current maximum cost authorized.

## Option for Increased Quantity -- Priced Line Item (Mar 1989)

The Government may increase the quantity of hours called for in the Schedule at the estimated cost specified. The Contracting Officer may, by written notice to the Contractor, exercise the option for any quantity, on multiple occasions, provided the total option quantity does not exceed 2,426.0 hours. Option exercise may take place at any time during the period of performance of the task order. Delivery of added hours shall continue at the same rate that effort is called for under the contract, unless the parties otherwise agree.

(End of Clause)

**SECTION H Special Contract Requirements**

**POINTS OF CONTACT:** All Government Points of Contact are available at <http://www-eer-rc.com>

**SECURITY CLASSIFICATION:**

This TO may involve information up to the Security Classification of **TOP SECRET**. All Contractor on-site personnel shall have at least a **SECRET** clearance.

Shared Access: The Contractor shall perform and adhere to the Security responsibilities defined in Attachment A to this SOW.

**NAVAL AIR WEAPONS STATION (NAWS) ACCESS:**

Contractor access will be provided to the following NAWS, China Lake restricted areas:

- N** North Ranges
- F** Airfield Flight Line Area (incl. enclosed bldgs.)
- M** Michelson/Lauritsen Laboratories

The Contractor shall request access for each employee working on this TO to only those NAWS restricted areas to which the employee requires regular access while working on this TO. When a Contractor employee no longer requires regular access to a restricted area, the Contractor shall request appropriate downgrade to that employee's access privileges.

**SAFETY:**

Work under this Task Order may be performed in and around military aircraft. The Contractor shall assure that his personnel have and use appropriate safety equipment and comply with NAWCWD safety requirements. Where work is in the area of explosives, the Contractor is responsible for assuring that personnel have the proper training, certifications, safety equipment, and procedures.

**GOVERNMENT-FURNISHED EQUIPMENT:**

The Government will provide on-site Contractor employees access to all computer systems, tools, equipment, and technical data required to accomplish TO tasking.

The Contractor shall request access authorization to Government computer systems for only those employees actually needing such access for the performance of their duties in support of this TO. The Contractor shall ensure that all Contractor employees granted access to Government computer systems or equipment adhere to all related Government security procedures. When a Contractor employee no longer requires access to a Government computer system in support of this TO, the Contractor shall attempt to verbally notify the applicable Government Computer Resources Access Data Manager, and the Contractor shall send written notification within 2 days. If a Contractor employee with access privileges to Government computer systems is transferred from this TO or terminated, the Contractor shall immediately attempt to verbally notify the

Government Computer Resources Access Data Manager, and the Contractor shall send written notification within 2 days of the transfer/termination.

**PURCHASED MATERIALS:**

The Contractor may be required to purchase safety equipment (see SAFETY Section).

**CONTRACTOR FURNISHED EQUIPMENT/MATERIALS/SUPPLIES:**

The Contractor shall furnish all other materials/equipment/supplies as required to accomplish efforts established by this SOW and performed within the Contractor's off-Base facility.

**TRAVEL:**

Non-local, domestic and foreign, travel may be required to attend technical interchange meetings, research technical data, support test events, and training (see SOW Sections 3.1, 3.1.1, 3.1.2, 3.2, & 3.4) and TRAINING Section (below). All travel shall be approved in advance by the Technical Assistant (or Alternate), the Contracting Officer's Representative (COR), and Contracting Officer or designee.

**TRAINING:**

Advanced technical training of Contractor personnel may be required related to new technology for emerging systems (see SOW Sect. 3.0). All training shall be approved in advance by the Technical Assistant (or Alternate), the Contracting Officer's Representative (COR), and Contracting Officer or designee.

**INSPECTION and ACCEPTANCE:**

Inspection and acceptance of all deliverables will be accomplished Technical Assistant or Alternate.

**SECTION I Contract Clauses****SECTION J List of Documents, Exhibits and Other Attachments**


ATTACHMENT TITLE	DATE	PAGES
(1) Task Order Evaluation Data (Available in Hardcopy)	08/08/02	1

EXHIBIT TITLE	DATE	PAGES
(A) DD FORM 1423 Contract Data Requirements List	18 JUL 02	13

J. DATE



DD Form 1423-1, 1 Jun 9090[illegible]

15. TOTAL →		see	blk	16
G. PREPARED BY Naval Air Warfare Center, Weapons Division, Code 45C000D China Lake, CA 93555-6100	H. DATE 2002 JUL 10	I. APPROVED BY  for ADRRB Chairperson		J. DATE 2002 SEP 17

DD Form 1423-1, 1 Jun 9090

<b>CONTRACT DATA REQUIREMENTS LIST</b> (1 Data Item)				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.					
A. CONTRACT LINE ITEM NO. <b>0001, WSISS TO 0026</b>		B. EXHIBIT <b>B</b>		C. CATEGORY: TDP TM OTHER: NDTI	
D. SYSTEM/ITEM <b>F/A-18 EOIR Avionics Integration &amp; System Engineering</b>		E. CONTRACT/PR NO. <b>N68936-00-D-0022</b>		F. CONTRACTOR <b>EER Systems, Inc.</b>	
1. DATA ITEM NO. <b>B003</b>	2. TITLE OF DATA ITEM <b>TEST PROCEDURE</b>			3. SUBTITLE <b>Developmental Test Procedures</b>	
4. AUTHORITY (Data Acquisition Document No.) <b>DI-NDTI-80603</b>		5. CONTRACT REFERENCE <b>TO SOW 3.1.1.2</b>		6. REQUIRING OFFICE <b>TA (see SOW Ref. 2.2(am))</b>	
7. DD 250 REQ <b>NO</b>	9. DIST STATEMENT REQUIRED <b>See Block 16</b>	10. FREQUENCY <b>asreq</b>	12. DATE OF FIRST SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION	
8. APP CODE <b>N/A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUBSEQUENT SUBMISSION <b>SEE BLOCK 16</b>	a. ADDRESSEE	b. COPIES
				Draft	Final
				Reg.	Repro.
16. REMARKS				see block 16	see blk 16
See SOW Reference 2.2(am) for all Government Points of Contact.					
blk 4: Tailor DID as follows: Format shall be consistent with existing Customer Code standards (samples available from TA. See SOW reference 2.2(am)).					
blk 9: Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD contractors only (Critical Technology) (10 July 2002). Other requests shall be referred to the Task Order Technical Assistant (TA, see SOW ref. 2.2(am)).					
blks 12 & 13: Delivery shall be in accordance with SOW Section 3.1.1.1.					
blk 14: Submit electronic file only to the TA as an attachment to a transmitting EMail. Electronic format shall be negotiated between the TA and the Contractor's Task Leader (TL) prior to each delivery.					

DD Form 1423-1, 1 Jun 9090

<b>CONTRACT DATA REQUIREMENTS LIST</b> <i>(1 Data Item)</i>						<b>Form Approved</b> OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PRI No. listed in Block E.								
<b>A. CONTRACT LINE ITEM NO.</b> <b>0001, WSISS TO 0026</b>		<b>B. EXHIBIT</b> <b>B</b>		<b>C. CATEGORY:</b> TDP      TM      OTHER: NDTI				
<b>D. SYSTEM/ITEM</b> <b>F/A-18 EOIR Avionics Integration &amp; System Engineering</b>			<b>E. CONTRACT/PRI NO.</b> <b>N68936-00-D-0022</b>		<b>F. CONTRACTOR</b> <b>EER Systems, Inc.</b>			
<b>1. DATA ITEM NO.</b> <b>B004</b>		<b>2. TITLE OF DATA ITEM</b> <b>TEST PROCEDURE</b>			<b>3. SUBTITLE</b> <b>Integrated Test Procedure</b>			
<b>4. AUTHORITY (Data Acquisition Document No.)</b> <b>DI-NDTI-80603</b>			<b>5. CONTRACT REFERENCE</b> <b>TO SOW 3.1.1.2</b>		<b>6. REQUIRING OFFICE</b> <b>TA (see SOW Ref. 2.2(am))</b>			
<b>7. DD 250 REQ</b> <b>NO</b>	<b>9. DIST STATEMENT REQUIRED</b>  <b>See Block 16</b>	<b>10. FREQUENCY</b> <b>asreq</b>	<b>12. DATE OF FIRST SUBMISSION</b> <b>See Block 16</b>		<b>14. DISTRIBUTION</b>  a. ADDRESSEE  <b>see block 16</b>		b. COPIES	
<b>8. APP CODE</b> <b>N/A</b>		<b>11. AS OF DATE</b> <b>N/A</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b> <b>SEE BLOCK 16</b>				Draft	Final
							Reg.	Repro.
<b>16. REMARKS</b>								
<b>See SOW Reference 2.2(am) for all Government Points of Contact.</b>								
<b>blk 4:</b> Tailor DID as follows: Format shall be consistent with existing Customer Code standards (samples available from TA. See SOW reference 2.2(am)).								
<b>blk 9:</b> Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD contractors only (Critical Technology) (10 July 2002). Other requests shall be referred to the Task Order Technical Assistant (TA, see SOW ref. 2.2(am)).								
<b>blks 12 &amp; 13:</b> Delivery shall be in accordance with SOW Section 3.1.1.1.								
<b>blk 14:</b> Submit electronic file only to the TA as an attachment to a transmitting EMAIL. Electronic format shall be negotiated between the TA and the Contractor's Task Leader (TL) prior to each delivery.								

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. <b>0001, WSISS TO 0026</b>		B. EXHIBIT <b>B</b>	C. CATEGORY: <b>TDP TM</b>		OTHER: <b>MISC</b>		
D. SYSTEM/ITEM <b>F/A-18 EOIR Avionics Integration &amp; System Engineering</b>			E. CONTRACT/PR NO. <b>N68936-00-D-0022</b>		F. CONTRACTOR <b>EER Systems, Inc.</b>		
1. DATA ITEM NO. <b>B005</b>	2. TITLE OF DATA ITEM <b>TECHNICAL REPORT-STUDY/SERVICES</b>			3. SUBTITLE <b>Flight Test Cards</b>			
4. AUTHORITY (Data Acquisition Document No.) <b>DI-MISC-80508</b>		5. CONTRACT REFERENCE <b>TO SOW 3.1.1.4</b>			6. REQUIRING OFFICE <b>TA (see SOW Ref. 2.2(am))</b>		
7. DD 250 REQ <b>NO</b>	9. DIST STATEMENT REQUIRED  <b>See Block 16</b>	10. FREQUENCY  <b>asreq</b>	12. DATE OF FIRST SUBMISSION  <b>See Block 16</b>	14. DISTRIBUTION			
8. APP CODE  <b>see blk 16</b>		11. AS OF DATE  <b>N/A</b>	13. DATE OF SUBSEQUENT SUBMISSION  <b>SEE BLOCK 16</b>	a. ADDRESSEE	Draft	b. COPIES	
						Reg.	Final
16. REMARKS				see block 16	see	blk	16
See SOW Reference 2.2(am) for all Government Points of Contact.							
blk 4: Tailor DID as follows: Format shall be consistent with existing Customer Code standards (samples available from TA. See SOW reference 2.2(am)).							
blk 8: F/A-18 flight event pilot approval required at test flight brief.							
blk 9: Distribution Statement will be determined by the Government prior to product delivery.							
blks 12 & 13: Due not less than 2 hours prior to test flight brief.							
blk 14: Distribution shall be in accordance with TO SOW reference 2.2(k).							

DD Form 1423-1, 1 Jun 9090

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.					
A. CONTRACT LINE ITEM NO. <b>0001, WSISS TO 0026</b>		B. EXHIBIT <b>B</b>	C. CATEGORY: TDP      TM      OTHER: <b>MISC</b>		
D. SYSTEM/ITEM <b>F/A-18 EOIR Avionics Integration &amp; System Engineering</b>		E. CONTRACT/PR NO. <b>N68936-00-D-0022</b>		F. CONTRACTOR <b>EER Systems, Inc.</b>	
1. DATA ITEM NO. <b>B006</b>	2. TITLE OF DATA ITEM <b>TECHNICAL REPORT-STUDY/SERVICES</b>		3. SUBTITLE <b>Analysis Report</b>		
4. AUTHORITY (Data Acquisition Document No.) <b>DI-MISC-80508</b>		5. CONTRACT REFERENCE <b>TO SOW 3.1.1.5 &amp; 3.1.6</b>		6. REQUIRING OFFICE <b>TA (see SOW Ref. 2.2(am))</b>	
7. DD 250 REQ <b>NO</b>	9. DIST STATEMENT REQUIRED <b>See Block 16</b>	10. FREQUENCY <b>asreq</b>	12. DATE OF FIRST SUBMISSION <b>See Block 16</b>	14. DISTRIBUTION	
8. APP CODE <b>N/A</b>		11. AS OF DATE <b>N/A</b>	13. DATE OF SUBSEQUENT SUBMISSION <b>SEE BLOCK 16</b>	a. ADDRESSEE	
				b. COPIES	
				Draft	
				Final	
				Reg.	
				Repro.	
16. REMARKS					
<b>See SOW Reference 2.2(am) for all Government Points of Contact.</b>				<b>see block 16</b>	
<b>blk 4:</b> Tailor DID as follows: Format shall be consistent with existing Customer Code standards (samples available from TA. See SOW reference 2.2(am)).				<b>see</b>	
<b>blk 9:</b> Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD contractors only (Critical Technology) (10 July 2002). Other requests shall be referred to the Task Order Technical Assistant (TA, see SOW ref. 2.2(am)).				<b>blk</b>	
<b>blks 12 &amp; 13:</b> Submit in accordance with the schedule defined in the work transmittal document.				<b>16</b>	
<b>blk 14:</b> Submit electronic file only to the TA as an attachment to a transmitting EMail.					
Electronic format shall be negotiated between the TA and the Contractor's Task Leader (TL) prior to each delivery.					

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**blk 14:** Distribute as defined by the work transmittal document.

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**blks 12 & 13:** Submit concurrently with delivery of the related CDRL B006 product.

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**blks 12 & 13:** Submit not later than 5 working days after completion of trip/meeting.



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**blk 9:** Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD contractors only (Critical Technology) (10 July 2002). Other requests shall be referred to the Task Order Technical Assistant (TA, see SOW ref. 2.2(am)).

